



## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME** THOROSEAL FOUNDATION COATING  
**IDENTIFICATION NUMBER:** T1180

**DATE PRINTED:** 04/12/00  
**PRODUCT USE/CLASS:** Coating  
**MANUFACTURER:** ORD Products Inc  
1895 16th St SE  
Salem, OR 97302-1436

**EMERGENCY TELEPHONE:** CHEMTREC  
(800) 424-9300  
24 HRS A DAY  
7 DAYS A WEEK

**PREPARER:** Product Services **PHONE:** 800-345-0809 **PREPARE DATE:** 04/12/00

## SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

ITEM - - CHEMICAL NAME - -	CAS NUMBER	WT/WT %LESS THAN
01 Silica, quartz	14808-60-7	50 0 %
02 Portland cement	65997-15-1	45 0 %
03 Calcium Sulfate	7778-18-9	5 0 %

- EXPOSURE LIMITS -						
ITEM	ACGIH TLV-TWA	TLV-STEL	OSHA PEL-TWA	PEL-CEILING	COMPANY TLV-TWA	SKIN
01	1 mg / m <sup>3</sup>	N E	1 mg / m <sup>3</sup>	N E	N E	NO
02	10 mg / m <sup>3</sup>	N.E	15 mg / m <sup>3</sup>	N E	N E	NO
03	10 mg / m <sup>3</sup>	N E	5 mg / m <sup>3</sup>	N E	N E	NO

(See Section 16 for abbreviation legend)

## SECTION 3 - HAZARDOUS IDENTIFICATION

### EFFECTS OF OVEREXPOSURE

**EYE CONTACT:** Severely irritating If not removed promptly, will injure eye tissue, which may result in permanent damage

**SKIN CONTACT:** May cause irritation

**INHALATION:** May cause respiratory tract irritation

**INGESTION:** Irritating to mouth, throat and stomach

**CHRONIC HAZARDS:** This product contains silicon dioxide [quartz] which has been listed as a suspected human carcinogen by NTP and IARC Repeated or prolonged over exposure to free silica may cause silicosis or other delayed and serious lung injury

**PRIMARY ROUTE(S) OF ENTRY:** INHALATION, EYE CONTACT, SKIN CONTACT INGESTION

## SECTION 4 - FIRST AID MEASURES

### FIRST AID

**EYE CONTACT:** Flush eye with water for 15 minutes Get medical attention

**SKIN CONTACT:** Remove contaminated clothing and shoes Wash affected area(s) thoroughly with soap and water If irritation persists, seek medical attention

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration If breathing is difficult, give oxygen Get immediate medical attention

**INGESTION:** If swallowed, DO NOT induce vomiting Give victim a glass of water or milk Call a physician or poison control center immediately Never give anything by mouth to an unconscious person Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into lungs



## SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT.	N A
LOWER EXPLOSIVE LIMIT.	N A
UPPER EXPLOSIVE LIMIT:	N A
AUTOIGNITION TEMPERATURE.	N A
EXTINGUISHING MEDIA:	DRY CHEMICAL CO2 WATER FOG
UNUSUAL FIRE AND EXPLOSION HAZARDS.	This product is alkaline and releases considerable heat on contact with small amounts of water. Avoid contact between resulting hot alkaline paste and metallic aluminum. Such contact could generate hydrogen gas.
SPECIAL FIREFIGHTING PROCEDURES.	As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED.

Vacuum or sweep up material and place in a disposal container. Ventilate area. Wear dust/mist mask or other appropriate protection. Flush spill with excess water to a chemical sewer or soak up with inert absorbent. Do not discharge to lakes, streams, ponds, or sewer.

## SECTION 7 – HANDLING AND STORAGE

HANDLING.	Use only in a well ventilated area. Keep out of reach of children. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
STORAGE.	Keep container closed when not in use.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.
RESPIRATORY PROTECTION.	Wear NIOSH/MSHA approved respiratory protection when the product is mixed or applied in a poorly ventilated area or if workplace levels of ingredients exceed the TLV. Follow applicable federal, state, and local regulations. Wear disposable dust mask.
OTHER PROTECTIVE EQUIPMENT.	Where contact is likely, wear chemical resistant gloves, chemical safety goggles with a face shield, and clean protective clothing to cover arms and legs to keep exposure to a minimum.
HYGIENIC PRACTICES.	Do not take internally. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	N A	VAPOR DENSITY.	N A
ODOR:	None	ODOR THRESHOLD.	N A
APPEARANCE:	Dark Gray Powder	EVAPORATION RATE:	N A
SOLUBILITY IN H2O	Slight (<0.1%)	SPECIFIC GRAVITY:	0.6216
pH @ 0.0 %.	N D	FREEZE POINT:	N D
VISCOSITY:	N A	VAPOR PRESSURE:	N A
PHYSICAL STATE:	Solid	COEFFICIENT OF WATER/OIL DISTRIBUTION.	N D

(See Section 16 for abbreviation legend)



## SECTION 10 – STABILITY AND REACTIVITY

CONDITIONS TO AVOID.	No Information
INCOMPATIBILITY:	Avoid contact with oxidizing material    Contact with strong acids and bases
HAZARDOUS DECOMPOSITION PRODUCTS:	No Information
HAZARDOUS POLYMERIZATION:	Will not occur under normal conditions
STABILITY.	This product is stable under normal storage conditions

## SECTION 11 – TOXICOLOGICAL PROPERTIES

PRODUCT DERMAL LD50:	No Information
PRODUCT LC50.	No Information
PRODUCT ORAL LD50:	No Information

### COMPONENT TOXICOLOGICAL INFORMATION

-- CHEMICAL NAME --	DERMAL LD50	ORAL LD50	LC50
Silica, quartz	No Information	No Information	No Information
Portland cement	No Information	No Information	No Information
Calcium Sulfate	No Information	No Information	No information

## SECTION 12 – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:    No Information

## SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:    Review all local, state, and federal regulations concerning health and pollution for appropriate disposal procedures

## SECTION 14 – TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME.	Not regulated
DOT TECHNICAL NAME:	N A
DOT HAZARD CLASS.	N A
HAZARD SUBCLASS:	N.A
DOT UN/NA NUMBER.	N A
PACKING GROUP:	N A
RESP GUIDE PAGE:	
DOT PLACARD AT:	N A
DOT CLASS NUMBER:	N A
UN PROPER SHIPPING NAME:	Not regulated
UN CLASS NUMBER:	N A.    AIR:    N A    MARINE:    N A.
HAZARD SUBCLASS:	N A    AIR.    N A    MARINE:    N A
UN UN/NA NUMBER:	N A    UN PACKING GROUP:    N A    AIR.    N A    MARINE:    N A
UN PLACARD AT:	N A

## SECTION 15 – REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA    Hazardous by definition of Hazard Communication Standard (29 CFR1910 1200)

CERCLA - SARA HAZARD CATEGORY: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories

IMMEDIATE HEALTH HAZARD    CHRONIC HEALTH HAZARD

SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

-- CHEMICAL NAME --	CAS NUMBER	WT/WT % IS LESS THAN
No SARA Section 313 components exist in this product		

**THOROSEAL®**  
**FOUNDATION COATING**  
Product Name (As Used on Label and List)



**TOXIC SUBSTANCES CONTROL ACT:** This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States

-- CHEMICAL NAME --  
None known

CAS NUMBER

U.S. STATE REGULATIONS. AS FOLLOWS -

**CALIFORNIA PROPOSITION 65:** WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm

-- CHEMICAL NAME --  
Silica, quartz  
nickle

14808-60-7  
7440-02-0

CAS NUMBER

INTERNATIONAL REGULATIONS: AS FOLLOWS -

**CANADIAN WHMIS:** This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings

**CANADIAN WHMIS CLASS:** No information available.

**SECTION 16 - OTHER INFORMATION**

HMIS RATINGS: HEALTH 2 FLAMMABILITY 0 REACTIVITY 1 PERSONAL PROTECTION E

PREVIOUS MSDS REVISION DATE: 08/99

REASON FOR REVISION. New format

VOLATILE ORGANIC COMPOUNDS (VOCs): 0.00 lbs/gal, 0 grams/ltr

LEGEND: N/A - Not Applicable, N.E. - Not Established, N.D. Not Determined

**ABBREVIATIONS USED:** N/A (Information or data Not Available), NTP (National Toxicology Program), IARC (International Agency for Research on Cancer), NIOSH (National Institute of Occupational Safety and Health Administration), PEL (Permissible Exposure Limit) [8 hr TWA] [OSHA], TLV (Threshold Limit Value) [8 hr TWA] [ACGIH], STEL (Short Term Exposure Limit) [15 min TWA] [OSHA], C (Ceiling Value)

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